



# BARRWELD TECHNICAL SPECIFICATIONS

The Barrweld® family of products are engineered to provide unmatched protection for today's harshest industrial environments. Composed of high performance fibers, such as Twaron® and Lenzing FR® they are inherently flame resistant, highly durable, light weight and more comfortable than traditional treated fabrics and leather.

## PRODUCT INFORMATION

	Barrweld®	Barrweld Extreme	Barrweld Light	Barrweld Plus
	Twaron®/Lenzing FR® Blend	Proprietary blend for improved burn through resistance	Twaron®/Lenzing FR® Blend	Water Repellant Barrweld Membrane Laminate
Sample Dry Weight (oz/ sq yd)	8.25	9.9	7.35	9.2
Thickness (in)	0.02	0.023	.018	0.024
Finish	None	None	None	Water Repellant Treated
Tabor Abrasion (Cycles) (H18/500g) - Total	243	578	ASTM D3884 Level 1	1,277
Fabric Break, Grab (lbf) - Warp x Weft	309 x 208	557 x 440	243.6 x 169.3	356 x 227
After Flam (sec) - Warp x Weft	0 x 0	0 x 0	0 x 0	32.49 x 36.84
After Glow (sec) - Warp x Weft	0 x 0	2.4 x 4.0	0.8 x 0.7	0 x 0
Char Length (mm) - Warp x Weft	0.7 x 0.6	0	8 x 7	0.6 x 0.5
Melt / Dripping ? *ASTM 6413-99	No	No	No	No
Cut Resistance - Average Rating Force (gf)	Level 1	Level 1	Level 1	Level 1
Arc Rating, ATPV: (cal/cm2)	7.4	11	8.8	11
Heat Attenuation Factor, HAF: (%)	72.7	76	81	80
After Flame (Avg of 5 Highest): (sec)	0	0	0	0

Disclaimer: The data presented herein has been developed under controlled manufacturing conditions is considered accurate. No warranty is expressed or implied regarding the accuracy or use of this data or the use of this product. It is the responsibility of the end user to determine suitability for use.



Tri-Star Glove believes in offering excellent value by delivering domestically produced, high-quality hand and body protection in a timely manner.  
Proudly made in the USA